INDEX

A

Absorption and exudation pressure of sap in plants, 102, vi
Air of large cities, analysis of smoke pollution, viii
Alaska, recent explorations in northern, x
Algal flora, subterranean, vi
Allen, Eugene T., chemical energy and volcanism, xi
Andrews, Charles McL., neglected point of view in colonial history, v
Antioch, the great chalice of, v
Arthur, Joseph C., the grass rusts of South America, 131, vi
Atom, this year's, iii
Audit Committee, resolution of adopted, v

B

Balch, Edwin Swift, prehistoric terminology, 83, x
Bauer, Louis A., on the electrical output of the sun, vii
Bazzoni, Charles B., this year's atom, iii
Blakeslee, Albert F., distribution of Jimson weeds in South America, vi
Blood, changes in after hemorrhage, iv
Brush, Charles F., some new experiments in gravitation, 36, viii

C

Campbell, William W., elected vice-president, viii
Cannon, Annie J. on starlight and its message, xiii
Carson, Hampton L., presents portrait of the late Joseph G. Rosengarten, xi
Chalice of Antioch, v
Cheyney, Edward P., character and ability of Queen Elizabeth, v
Clark, John M., the tree of knowledge, most ancient known fossil forest, x
Climate, importance of field work in study of, 64, vi
Conklin, Edwin G., modern aspects of evolution, xii
Councillors elected, ix
Crowell, Bowman C., relation of the white man to the tropics, vii
Curator elected, ix
Curtis, Heber D., infra-red flash and coronal spectra of the eclipse of January 24, 1925, vii

D

Daly, Reginald A., ultimate causes of volcanism, relation to earth's interior and formation of mountain ranges, 283, xi
Davis, Bradley M., the segregation of *oenothera nanella—brevistylus* from crosses with *nanella* and with *lamarkiana*, vi
Day, Arthur L., the proximate causes of volcanic phenomena, xi
Dercum, Francis X., elected vice-president, viii
Duponceau, souvenir of, presented, xi

E

East, Edward M., a new interpretation of the behavior of self-sterile plants, vi
Eclipse, January, 1925, infra-red flash and coronal spectra, viii
Eclipse, total solar of 1926, Friday evening lecture, viii
Electric nets, identical, in series, 1, viii
Evolution, modern aspects of, xiii

F

Final conclusions on the evolution, phylogeny and classification of the Proboscidea, by Henry Fairfield Osborn, 17, x
Finance Committee, report of, adopted, vi

G

Goodspeed, Arthur W., elected secretary, viii
  resolution on death of I. Minis Hays, xii
Grass rusts of South America, based on the Hallway collections, 131, vi
Gravitation, some new experiments in, 36, viii

H

Harshberger, John W., on the Portugese insectivorous plant, *drosophyllum lusitanicum*, 51, vi

Haupt, Paul, Ulysses and Nimrod, x
Hays, I. Minis, resolution on death of, xii
Hertlein, Leo G. and Cricmay, Colin H., on the nomenclature and stratigraphy of the marine tertiary of Oregon and Washington, 224
History, colonial, neglected point of view in, v
Hubble, Edwin H., resolution of non-galactic nebulae, vii

I

Identical electrical networks in series, 1, vii
Igneous action and mountain building, 283, xi
Importance of field work in the study of climates, 64, vi
Intra-thoracic movements, application of x-ray exposures to, 89, vii
Ives, Herbert B., transmission of photographs by telephone, iv

J

Jackson, A. V. Williams, doctrine of Bolos in Manchaean eschatology, v
Jimson weeds, distribution of in South America, vi
Johnson, Emory R., railroad consolidation, possibilities and limitations, 78, v

K

Kennelley, A. E., identical electrical networks in series, 1, vii
resolution offered by, ix

L

Lecture, Friday evening, by John A. Miller, viii
Lewis, John F., elected councillor, ix
Lewis and Clark expedition, neglected botanical results of, vi
Lindgren, Waldemar, volcanism from standpoint of the geologist, xi
Logic and the relation of life to mechanism, 95, iv

M

MacDougal, D. T., absorption and exudation pressure of sap in plants, 102, vi
Manchaean eschatology, doctrine of Bolos in, v
Mars: the opposition of 1924, vii
McPhedran, F. Maurice and Weyl, Charles N., on automic synchronization of x-ray exposures, 89, vii
Members, admitted:
Andrews, Charles McL., iv
Arthur, Joseph C., vi
Blakeslee, Albert F., iv
Bowman, Isiah, vii
Cannon, Annie, xiii
Day, Charles, xiii
Mitchell, Howard, xiii
Montgomery, James A., xiii
Singer, Edgar Arthur, xi
Members, deceased:
Baldwin, James L., iv
Cadwalader, John, iv
Chandler, Charles Frederick, xii
Clarke, John Mason, xii
Clay, Albert T., xii
Darwin, Francis, xii
Farabee, William Curtis, xii
Fullerton, George S. iv
Geikie, Sir Archibald, iii
Gray, George, xii
Hayford, John F., iv
Hays, I. Minis, xii
Hillebrand, Wm. Francis, iii
Hilprecht, Herman V., xii
Lambert, Preston Albert, iii
Marshall, John, iii
Mendenhall, Thomas Corwin, iii
Merriman, Mansfield, xii
Patterson, Christopher Stuart, iii
Penrose, Charles Bingham, iii
Sampson, Alden, iii
Members, elected:
Alderman, Edwin A., ix
Cannon, Annie J., ix
Compton, Arthur Holly, ix
Day, Charles, ix
Gregory, William King, ix
Harkens, William Draper, ix
Jones, Lewis R., ix
Joslin, Elliot Proctor, ix
Lawsonk, Andrew Cowper, ix
McCurdy, George Grant, ix
Mitchell, Howard Hawks, ix
Montgomery, James Alan, ix
Rand, Edward Kennard, ix
Singer, Edgar Arthur, ix
Stebbins, Joel, ix
Mesohippus, new, mounted skeleton of, 55, x
Miller, John A., elected secretary, viii
Friday evening lecture, viii
Millikan, Robert A., new results through extension of x-ray laws into field of optics, vii
Minutes, i–xiii
Money, Charles R., the great chalice of Antioch, v
Montgomery, James A., origin of Phoenician alphabet, v

Moore, George T., analysis of the smoke pollution of air of large cities, viii
subterranean algal flora, vi
Mountain building and igneous action, 283, xi
Mounted skeleton of a new mesohippus, 55, x

N

Nebulae, non-galactic, resolution of, vii
Networks, electrical, in series, 1, vii
Notes on the Portugese insectivorous plant, *drosophyllum lusitanicum*, 51, vi
Noyes, William A., a simple differential air thermometer for use at low temperatures, viii

O

Oenothera nanella-brevistylus, vi
Officers elected, viii, ix
Optics, new results through extension of x-ray laws into field of, vii
Oregon and Washington, marine tertiary of, 224
Osborn, Henry Fairfield, elected vice-president, viii
résumé of researches on proboscidea, 17, x
Osborne, Thomas B., elected councillor, ix

P

Patagonia, Princeton University's expedition to, x
Penrose, Charles Bingham, resolution on death of, iv
Phoenician alphabet, new light on origin of, v
Photographs, transmission of by telephone, iv
Plants, pressures of sap in, 102, vi
Plants, self-sterile, interpretation of behavior of, vi
Portugese insectivorous plants, notes on, vi
Prehistoric terminology, 83, x
President, elected, viii
Price, Eli Kirk, elected treasurer, ix
Proboscidea, résumé of researches on, 17, x
Protoplasm, colloidal nature of, iv

Q

Queen Elizabeth, character and ability of, v

R

Railroad consolidation, possibilities and limitations, 78, v
Relation of mountain-building to igneous action, 283, xi
Rosengarten, Joseph G., presentation of portrait of, xi

S

Sap in plants, absorption and exudation pressures of, 102, vi
Scott, Wm. B., report on the Princeton University expeditions to Patagonia, x
Secretaries elected, viii
Siefritz, Wm., on colloidal nature of protoplasm, iv
Sinclair, Wm. J., mounted skeleton of a new mesohippus from the protoceras beds, 55, x
Singer, Edgar A., logic and the relation of life to mechanism, 95, iv
Site, report of committee on, iv
Skeleton of a new mesohippus, 55, x
Sliper, Earl C., Mars: the opposition of 1924, vii
Some new experiments in gravitation, 36, viii
Smith, Edgar Fahs, the soluble sodium tungstates, viii
Smith, Philip S., explorations in northern Alaska, x
Starlight and its message, xiii
Summary of the nomenclature and stratigraphy of the marine tertiary of Oregon and Washington, 224
Sun, the electrical output of, vii
Symposium, on Volcanism, xi
Arthur L. Day, the proximate causes of volcanic phenomena, xi
Allen, Eugene T., the relation of chemical energy to volcanism, xi
Lindgren Waldemar, volcanism from standpoint of the geologist, xi
Daly, Reginald A., ultimate causes of volcanism as connected with the earth's interior condition and formation of mountain ranges, 283, xi

T

Terminology, prehistoric, 83, x
Thermometer, differential for low temperatures, viii
Treasurer elected, ix
Tree of knowledge, most ancient fossil forest, x

Trelease, William, elected councillor, ix
Tropics, relation of white man to, vii
True, Rodney M., some neglected botanical results of Lewis and Clark expedition, vi
Tungstates, the soluble sodium, viii

U

Ulysses and Nimrod, x

V

Vice-presidents elected, viii
Volcanic phenomena, proximate causes, xi
Volcanism from standpoint of the geologist, xi
Volcanism, relation of chemical energy to, xi
Volcanism, ultimate causes and relation to earth's interior, and formation of mountain ranges, 283, xi

W

Walcott, Charles D., elected president, viii
Ward, Robert DeC., importance of field work in the study of climate, 64, vi
Weyl, Charles N., (with McPhedran) 89, vii
Wheeler, William M., elected councillor, ix
Wilson, D. Wright, on changes in the composition of the blood after hemorrhage, iv
Wilson, William P., elected curator, ix

X

X-ray, automatic synchronization of exposures, 89, vii